AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 02-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	26-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	02-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	455	14.65	14.72
2	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	453	14.87	
3	Footing	M20	26-12-2020	02-01-2021	150x150x150	22500	458	14.65	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 04-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	28-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	04-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	452	14.23	14.85
2	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	450	14.68	
3	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	455	15.65	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 04-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	28-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	04-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	457	15.23	15.42
2	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	455	15.68	
3	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	460	15.34	

Remarks :

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) — Date: 04-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	28-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	04-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	451	15.65	15.33
2	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	449	15.23	
3	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	454	15.11	

Remarks :

AARTN ASSOCIATES DATE BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 04-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	28-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 7 Days Compressive Strength
Date of Test	04-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	456	14.23	15.07
2	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	454	15.65	
3	Footing	M20	28-12-2020	04-01-2021	150x150x150	22500	459	15.32	

Remarks :

AARTN ASSOCIATES BANGALORE DATE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 13-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	16-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 28 Days Compressive Strength
Date of Test	13-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	695	24.2	24.65
2	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	705	24.2	
3	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	698	25.7	

Remarks :

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 13-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	16-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 28 Days Compressive Strength
Date of Test	13-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Weight of the sample	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	kg	KN	N/mm^2	N/mm^2
1	Footing	M20	29/04/2020	13-01-2021	150x150x150	22500	8.92	692	24.18	24.06
2	Footing	M20	29/04/2021	13-01-2021	150x150x150	22500	9.07	703	25.16	
3	Footing	M20	29/04/2022	13-01-2021	150x150x150	22500	9.13	689	22.85	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 13-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	16-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 28 Days Compressive Strength
Date of Test	13-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Weight of the sample	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	kg	KN	N/mm^2	N/mm^2
1	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	8.72	682	24.68	25.12
2	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	8.87	695	24.15	
3	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	8.62	686	26.53	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 13-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	16-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 28 Days Compressive Strength
Date of Test	13-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in K.N	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	699	22.42	24.53
2	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	689	25.62	
3	Footing	M20	16-12-2020	13-01-2021	150x150x150	22500	708	25.54	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 15-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	17-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 29 Days Compressive Strength
Date of Test	15-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	690	24.65	24.67
2	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	700	24.63	
3	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	687	24.74	

Remarks :

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 15-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	17-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 29 Days Compressive Strength
Date of Test	15-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	695.20	25.32	24.59
2	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	705.35	24.12	
3	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	692.00	24.32	

Remarks :

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 15-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	17-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 29 Days Compressive Strength
Date of Test	15-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	696	26.23	25.25
2	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	707	24.65	
3	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	693	24.87	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 15-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	17-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 29 Days Compressive Strength
Date of Test	15-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	699.3	26.35	25.88
2	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	689.15	25.98	
3	Footing	M20	17-12-2020	15-01-2021	150x150x150	22500	704.5	25.32	

Remarks :

AARTN ASSOCIATES BANGALORE

AARTN ASSOCIATES

The Modern Construction Solutions

#1059, MIG-A Sector, Opp. Railwheel Factory,
Yelahanka New Town, Bangalore - 64
Ph : 8048505503 | Email : aartnassociates@gmail.com

Test Report of Cement Concrete Cubes

IS: 516-1959 (Method of tests for strength of Concrete C1.5) | Date: 16-01-2021

Name of Work : Providing and Fixing LED lights at Yelahanka Division

Client	Bruhat Bengalore Mahanagara Palike (BBMP) , Yelahanka Zone, Bengaluru.
Contractor	Sri. Madhusudhan A N M/s Suraksha Electricals
Customer Reference	EE(PROJECT)/YNK ZONE/WO/89/2020-21
Source of Sample	Sample supplied by Agency
Sample Condition	Satisfactory
Date of Reciept	19-12-2020
Sample Type	Footing
Sample Type/Size	150x150x150 mm
Sample Grade/ Age	M20/ 28 Days Compressive Strength
Date of Test	16-01-2021
Location	

Sl No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Trsting	Dimension of Specification	Cross sectional area	Maximum Load in	Compressive Strength	Average Compressive Strength
					mm	Sq.mm	KN	N/mm^2	N/mm^2
1	Footing	M20	19-12-2020	16-01-2021	150x150x150	22500	698	25.64	26.31
2	Footing	M20	19-12-2020	16-01-2021	150x150x150	22500	706	25.97	
3	Footing	M20	19-12-2020	16-01-2021	150x150x150	22500	703	27.31	

Remarks :

AARTN ASSOCIATES BANGALORE